

Inventions & Innovation Emerging Technology

Three-Dimensional Objects by Photosolidification

A fully automated prototype to aid in improving future design and confirming product validity and small-volume production has been developed and is in the early stages of commercialization. The system fabricates parts by imaging whole layers of liquid simultaneously and attaching one on top of another. Imaging is accomplished by flooding irradiation through a mask or negative in contact with the liquid, yielding parts that require no post cure. The system offers substantial reductions in both engineering design time and time for new product development, which will eventually allow prototype-manufacturing time to go from months to weeks



Contact

Light Sculpting, Inc.
4815 N. Marlborough Drive
Milwaukee, WI 53217-5960

Contact: Efrem Fudim
Telephone: 414-964-5737
Email: lightsculpting@lightsculpting.com



U.S. Department of Energy
Energy Efficiency and Renewable Energy